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ANALYTICAL ABSTRACTS

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JOURNALS

The following list contains the names of journals (and their abbreviations) from which papers h been abstracted regularly during 1973. Journals that have been omitted are those that contain only occasional analytical paper, and a number of Russian journals from which translated abstracts have b published through the medium of *Referativnyi Zhurnal*.

The abbreviations, in italics, after the full names of the journals refer to the languages in which journals are published.

Acta chem. fenn.	Acta Chemica Fennica [*Eng.*]
Acta chem. scand.	Acta Chemica Scandinavica [*Eng.*]
Acta chim. hung.	Acta Chimica Academiae Scientiarum Hungaricae [*Eng., G*
Acta pharm. hung.	Acta Pharmaceutica Hungarica [*Hung.*]
Acta pharm. jugosl.	Acta Pharmaceutica Jugoslavica [*Serbo-Croat*]
Acta pharm. suec.	Acta Pharmaceutica Suecica [*Eng.*]
Acta Pol. pharm.	Acta Poloniae Pharmaceutica [*Pol.*]
Adv. Activ. Anal.	Advances in Activation Analysis [*Eng.*]
Afinidad	Afinidad [*Span.*]
Agric. biol. Chem.	Agricultural and Biological Chemistry [Tokyo] [*Eng.*]
AMDEL Bull.	Bulletin of the Australian Mineral Development Laborator [*Eng.*]
Analusis	Analusis (*formerly* Chimie Analytique *and* Methodes Physiqu d'Analyse) [*Fr.*]
Analyst, Lond.	Analyst [*Eng.*]
Analyt. Biochem.	Analytical Biochemistry [*Eng.*]
Analyt. Chem.	Analytical Chemistry [*Eng.*]
Analytica chim. Acta	Analytica Chimica Acta [*Eng., Fr., Ger.*]
Analyt. Lett.	Analytical Letters [*Eng., Fr., Ger.*]
An. Asoc. quim. argent.	Anales de la Asociacion Quimica Argentina [*Span.*]
An. Bromat.	Anales de Bromatologia [*Span.*]
Angew. Chem., int. Edn	Angewandte Chemie, International Edition [*Eng.*]
Angew. makromol. Chem.	Angewandte makromolekulare Chemie [*Eng., Ger.*]
Annali Ist. sup. Sanita	Annali dell'Istituto Superiore di Sanita [*Eng., Fr., Ital.*]
Annls Falsif. Expert. chim.	Annales des Falsifications et de l'Expertise Chimique [*Fr.*]
Annls pharm. fr.	Annales Pharmaceutiques Francaises [*Fr.*]
An. Quim.	Anales de Quimica de la Real Sociedad Espanola de Fisica Quimica [*Span.*]
Antibiotiki	Antibiotiki [*Russ.*]
Appl. Optics	Applied Optics [*Eng.*]
Appl. Spectrosc.	Applied Spectroscopy [*Eng.*]
Arch. EisenhuettWes.	Archiv fuer das Eisenhuettenwesen [*Ger.*]
Arch. Pharm., Berl.	Archiv der Pharmazie (und Berichte der Deutschen pharm zeutischen Gesellschaft) [*Ger.*]
Armyan. khim. Zh.	Armyanskii Khimicheskii Zhurnal [*Russ.*]
Arzneimittel-Forsch.	Arzneimittel-Forschung [*Ger.*]
Aust. J. Chem.	Australian Journal of Chemistry [*Eng.*]
Azerb. khim. Zh.	Azerbaidzhanskii Khimicheskii Zhurnal [*Russ.*]
Beitr. Tabakforsch.	Beitraege zur Tabakforschung [*Eng., Ger.*]
Biochem. J.	Biochemical Journal [*Eng.*]
Biochem. Med.	Biochemical Medicine [*Eng.*]
Biochim. biophys. Acta	Biochimica et Biophysica Acta [*Eng.*]
Biochimie	Biochimie (*formerly* Bulletin de la Societe de Chimie Biolo ique) [*Eng., Fr.*]
Biokhimiya	Biokhimiya [*Russ.*]
B.I.S.R.A. open Rep.	B.I.S.R.A. Open Report [*Eng.*]
Boll. Soc. ital. Biol. sper.	Bollettino della Societa Italiana di Biologia Sperimentale [*Ital*
Brauwissenschaft	Brauwissenschaft [*Ger.*]
Br. med. J.	British Medical Journal [*Eng.*]
Bull. chem. Soc. Japan	Bulletin of the Chemical Society of Japan [*Eng.*]
Bull. environ. Contam. Toxic.	Bulletin of Environmental Contamination and Toxicolog [*Eng.*]
Bull. Narcot.	Bulletin on Narcotics [*Eng.*]
Bull. Soc. chim. Fr.	Bulletin de la Societe Chimique de France [*Fr.*]
Can. J. Biochem.	Canadian Journal of Biochemistry [*Eng., Fr.*]
Can. J. Chem.	Canadian Journal of Chemistry [*Eng., Fr.*]
Can. J. pharm. Sci.	Canadian Journal of Pharmaceutical Science [*Eng*]
Can. J. Spectrosc.	Canadian Journal of Spectroscopy [*Eng., Fr.*]
Carbohyd. Res.	Carbohydrate Research [*Eng., Ger.*]
Cereal Chem.	Cereal Chemistry [*Eng.*]
Chemia analit.	Chemia Analityczna [*Eng., Fr., Ger., Pol.*]
Chemica Scripta	Chemica Scripta [*Eng.*]
Chemicke Listy	Chemicke Listy [*Czech*]
Chemicke Zvesti	Chemicke Zvesti [*Eng., Fr., Ger., Russ.*]

emicky Prum.	Chemicky Prumysl [*Czech*]
emikerzeitung—chem. Appar.	Chemiker-Zeitung—Chemische Apparatur [*Ger.*]
emistry, Taipei	Chemistry, Taipei [*Chin.*]
em. pharm. Bull., Tokyo	Chemical & Pharmaceutical Bulletin [*Eng., Ger.*]
em. Tech., Berl.	Chemische Technik [*Ger.*]
emy Br.	Chemistry in Britain [*Eng.*]
emy Ind.	Chemistry and Industry [*Eng.*]
imia	Chimia [*Eng., Fr., Ger.*]
romatographia	Chromatographia [*Eng., Fr., Ger.*]
romat. Rev.	Chromatographic Reviews [*Eng.*]
n. Chem.	Clinical Chemistry [*Eng.*]
nica chim. Acta	Clinica Chimica Acta [*Eng., Fr., Ger.*]
lln Czech. chem. Commun.	Collection of Czechoslovak Chemical Communications [*Eng., Ger.*]
lumn	Column: Pye Unicam Chromatography Bulletin [*Eng.*]
r. Acad. bulg. Sci.	Comptes Rendus de l'Academie Bulgare des Sciences [*Eng., Fr., Ger.*]
C crit. Rev. analyt. Chem.	CRC Critical Reviews of Analytical Chemistry [*Eng.*]
r. hebd. Seanc. Acad. Sci., Paris	Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences [*Fr.*]
oat. chem. Acta	Croatica Chemica Acta [*Eng., Ger.*]
ka Farm.	Ceskoslovenska Farmacie [*Czech, Slovak*]
rr. Sci.	Current Science [*Eng.*]
Chemie-Tech.	CZ Chemie-Technik [*Ger.*]
kl. Akad. Nauk SSSR	Doklady Akademii Nauk SSSR [*Russ.*]
kl. Akad. Nauk tadzhik. SSR	Doklady Akademii Nauk Tadzhikskoi SSR [*Russ.*]
kl. Akad. Nauk uzbek. SSR	Doklady Akademii Nauk Uzbekskoi SSR [*Russ.*]
ApothZtg	Deutsche Apotheker-Zeitung [*Ger.*]
LebensmittRdsch.	Deutsche Lebensmittel-Rundschau [*Ger.*]
zacilik Bult.	Eczacilik Bulteni [*Turk.*]
viron. Sci. Technol.	Environmental Science & Technology [*Eng.*]
doel Kohle Erdgas Petrochem. Brennst.-Chem.	Erdoel und Kohle, Erdgas, Petrochemie vereinigt mit Brennstoff-Chemie [*Ger.*]
perientia	Experientia [*Eng., Ger.*]
rmaceuticky Obz.	Farmaceuticky Obzor [*Czech, Slovak*]
rmacia, Buc.	Farmacia [*Eng., Fr., Ger., Rom., Russ.*]
rmacja pol.	Farmacja Polska [*Pol.*]
rmaco, Ed. prat.	Farmaco, Edizione Pratica [*Fr., Ital.*]
rmaco, Ed. scient.	Farmaco, Edizione Scientifica [*Eng., Ital.*]
serforsch. TextTech.	Faserforschung und Textiltechnik [*Ger.*]
te Seifen AnstrMittel	Fette, Seifen, Anstrichmittel [*Ger.*]
eischwirtschaft	Fleischwirtschaft [*Ger.*]
ochim. cosmochim. Acta	Geochimica et Cosmochimica Acta [*Eng.*]
-T Fachz. Lab.	Glas-Instrumenten-Technik. Fachzeitschrift fuer das Laboratorium [*Eng., Ger.*]
asas Aceit.	Grasas y Aceites [*Span.*]
lv. chim. Acta	Helvetica Chimica Acta [*Fr., Ger.*]
rba pol.	Herba Polonica [*Pol.*]
ppe-Seyler's Z. physiol. Chem.	Hoppe-Seyler's Zeitschrift fuer physiologische Chemie [*Ger.*]
tn. Listy	Hutnicke Listy [*Czech*]
lian J. appl. Chem.	Indian Journal of Applied Chemistry [*Eng.*]
lian J. Chem.	Indian Journal of Chemistry [*Eng.*]
lian J. Pharm.	Indian Journal of Pharmacy [*Eng.*]
lian J. Technol.	Indian Journal of Technology [*Eng.*]
ls aliment. agric.	Industries Alimentaires et Agricoles [*Fr.*]
lustrie agr.	Industrie Agrarie [*Ital.*]
cion Quim. analit. pura apl. Ind.	Informacion de Quimica Analitica, Pura y Aplicada a la Industria [*Span.*]
. J. appl. Radiat. Isotopes	International Journal of Applied Radiation and Isotopes [*Eng., Fr., Ger.*]
. J. environ. analyt. Chem.	International Journal of Environmental Analytical Chemistry [*Eng.*]
. Sug. J.	International Sugar Journal [*Eng.*]
topenpraxis	Isotopenpraxis [*Ger.*]
ael J. Chem.	Israel Journal of Chemistry [*Eng.*]
. Akad. Nauk beloruss. SSR, Ser. khim. Nauk	Izvestiya Akademii Nauk Belorusskoi SSR, Seriya Khimicheskikh Nauk [*Russ.*]
. Akad. Nauk kazakh. SSR, Ser. khim.	Izvestiya Akademii Nauk Kazakhskoi SSR, Seriya Khimicheskaya [*Russ.*]
. Akad. Nauk latv. SSR, Ser. khim.	Izvestiya Akademii Nauk Latviiskoi SSR, Seriya Khimicheskaya [*Russ.*]

Izv. Akad. Nauk SSSR, Ser. khim.	Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya [*Ru*
Izv. sib. Otdel. Akad. Nauk SSSR	Izvestiya Sibirskogo Otdeleniya Akademii Nauk SSSR [*Ru*
Izv. tomsk. politekh. Inst.	Izvestiya Tomskogo Politekhnicheskogo Instituta im S. M. Kirova [*Russ.*]
Izv. vyssh. ucheb. Zaved., Khim. khim. Tekhnol.	Izvestiya Vysshikh Uchebnykh Zavedenii, Khimiya i Khi cheskaya Tekhnologiya [*Russ.*]

J. agric. Fd Chem.	Journal of Agricultural and Food Chemistry [*Eng.*]
J. Am. Oil Chem. Soc.	Journal of the American Oil Chemists' Society [*Eng.*]
Japan Analyst	Japan Analyst [*Jap.*]
J. appl. Chem. Biotechnol.	Journal of Applied Chemistry and Biotechnology [*Eng.*]
J. appl. Polym. Sci.	Journal of Applied Polymer Science [*Eng.*]
J. Ass. off. analyt. Chem.	Journal of the Association of Official Analytical Chemi [*Eng.*]
J. Ass. publ. Analysts	Journal of the Association of Public Analysts [*Eng.*]
J. chem. Soc., Dalton Trans.	Journal of the Chemical Society, Dalton Transactions [*Eng*
J. chem. Soc., Faraday Trans. I	Journal of the Chemical Society, Faraday Transactions I [*En*
J. chem. Soc., Perkin Trans. I	Journal of the Chemical Society, Perkin Transactions I [*En*
J. chem. Soc., Perkin Trans. II	Journal of the Chemical Society, Perkin Transactions II [*En*
J. Chromat.	Journal of Chromatography [*Eng., Fr., Ger.*]
J. chromat. Sci.	Journal of Chromatographic Science [*Eng.*]
J. Dairy Sci.	Journal of Dairy Science [*Eng.*]
J. electroanalyt. Chem.	Journal of Electroanalytical Chemistry and Interfacial Electr chemistry [*Eng., Ger.*]
J. electrochem. Soc.	Journal of the Electrochemical Society [New York] [*Eng.*]
J. forens. Sci. Soc.	Journal of the Forensic Science Society, U.K. [*Eng.*]
J. Indian chem. Soc.	Journal of the Indian Chemical Society [*Eng.*]
J. inorg. nucl. Chem.	Journal of Inorganic & Nuclear Chemistry [*Eng.*]
J. Inst. Brew.	Journal of the Institute of Brewing [*Eng.*]
J. Inst. Petrol.	Journal of the Institute of Petroleum [*Eng.*]
J. Lipid Res.	Journal of Lipid Research [*Eng.*]
J. Paint Technol.	Journal of Paint Technology [*Eng.*]
J. Pharm. Belg.	Journal de Pharmacie de Belgique [*Fr.*]
J. Pharm. Pharmac.	Journal of Pharmacy and Pharmacology [*Eng.*]
J. pharm. Sci.	Journal of Pharmaceutical Sciences [*Eng.*]
J. Phys. D, appl. Phys.	Journal of Physics D, Applied Physics [*Eng., Fr., Ger.*]
J. Phys. E, scient. Instrum.	Journal of Physics E, Scientific Instruments [*Eng., Fr., Ger.*
J. radioanalyt. Chem.	Journal of Radioanalytical Chemistry [*Eng., Fr., Ger.*]
J. Res. natn. Bur. Stand.	Journal of Research of the National Bureau of Standar [*Eng.*]
J. Sci. Fd Agric.	Journal of the Science of Food and Agriculture [*Eng*].
J. Steroid Biochem	Journal of Steroid Biochemistry [*Eng.*]
J. Wat. Pollut. Control Fed.	Journal of the Water Pollution Control Federation [*Eng*].

Kautschuk Gummi Kunststoffe	Kautschuk und Gummi, Kunststoffe [*Ger.*]
Klin. Wschr.	Klinische Wochenschrift [*Ger.*]
Kunststoffe	Kunststoffe [*Ger.*]

Lab. Pract.	Laboratory Practice [*Eng.*]
Lancet	Lancet [*Eng.*]
Latv. PSR Zinat. Akad. Vest., Kim. Ser. see under *Izv. Akad. Nauk latv. SSR, Ser. khim.*	Latvijas PSR Zinatnu Akademija Vestis, Kimija Serija *see under* Izvestiya Akademii Nauk Latviiskoi SSR, Seriya Khimicheskaya [*Russ.*]
Lipids	Lipids [*Eng.*]

Magy. kem. Foly.	Magyar Kemiai Folyoirat [*Hung.*]
Magy. Kem. Lap.	Magyar Kemikusok Lapja [*Hung.*]
Medicine Sci. Law	Medicine, Science and the Law [*Eng.*]
Med. Lab. Technol.	Medical Laboratory Technology [*Eng.*]
Metallurgia ital.	Metallurgia Italiana [*Ital.*]
Metallurgia Metal Form.	Metallurgia, and Metal Forming (*formerly* Metallurgia Manchester)
Microchem. J.	Microchemical Journal [*Eng.*]
Mikrochim. Acta	Mikrochimica Acta [*Eng., Fr., Ger.*]
Mitt. Geb. Lebensmittelunters. u. Hyg.	Mitteilungen aus dem Gebiete der Lebensmitteluntersuchung und Hygiene [*Ger.*]
Mschr. Brau.	Monatsschrift fuer Brauerei [*Ger.*]

Nahrung	Nahrung [*Ger.*]
Nature, Lond.	Nature [*Eng.*]
Naturwissenschaften	Naturwissenschaften [*Eng., Ger.*]
Nauch. Trudy tashkent. Univ.	Nauchnye Trudy Tashkentskogo Universitet [*Russ.*]
Nucl. Instrum. Meth.	Nuclear Instruments and Methods [*Eng.*]
Nucl. Technol.	Nuclear Technology [*Eng.*]

eriodica polytech. chem. Engng	Periodica Polytechnica, Chemical Engineering [*Eng., Ger.*]
estic. Sci.	Pesticide Science [*Eng.*]
harm. Acta Helv.	Pharmaceutica Acta Helvetiae [*Eng., Fr., Ger.*]
harmazie	Pharmazie [*Ger.*]
harm. J.	Pharmaceutical Journal [*Eng.*]
harm. Weekbl. Ned.	Pharmaceutisch Weekblad voorNederland [*Dutch, Eng., Ger.*]
laste Kautsch.	Plaste und Kautschuk [*Ger.*]
olimery	Polimery [*Pol.*]
ol. J. Pharmac. Pharm.	Polish Journal of Pharmacology and Pharmacy (*formerly* Dissertationes Pharmaceuticae et Pharmacologicae) [*Eng.*]
owder Technol.	Powder Technology [*Eng.*]
roc. Soc. analyt. Chem.	Proceedings of the Society for Analytical Chemistry [*Eng.*]
rof. Pap. U.S. geol. Surv.	Professional Papers. United States Geological Survey [*Eng.*]
ure appl. Chem.	Pure and Applied Chemistry [*Eng., Fr., Ger.*]
yrethrum Post	Pyrethrum Post [*Eng., Fr.*]
adiochem. radioanalyt. Lett.	Radiochemical and Radioanalytical Letters [*Eng.*]
adiochim. Acta	Radiochimica Acta [*Eng., Fr., Ger.*]
app. CEA	Rapport. Commissariat a l'Energie Atomique [*Fr.*]
ep. atom. Energy Commn U.S.	Report. Atomic Energy Commission, United States [*Eng.*]
ep. Invest. U.S. Bur. Mines	Report of Investigations. United States Bureau of Mines [*Eng.*]
ep. natn. Inst. Metall.	Report. National Institute for Metallurgy [*Eng.*]
ep. U.K. atom. Energy Auth.	Report. United Kingdom Atomic Energy Authority [*Eng.*]
ev. scient. Instrum.	Review of Scientific Instruments [*Eng.*]
evta Asoc. bioquim. argent.	Revista de la Asociacion Bioquimica Argentina [*Span.*]
evta Chim.	Revista de Chimie [*Rom.*]
evue roum. Chim.	Revue Roumaine de Chimie [*Eng., Fr., Ger.*]
iv. ital. Sostanze grasse	Rivista Italiana delle Sostanze Grasse [*Ital.*]
oczn. Chem.	Roczniki Chemii [*Eng., Fr., Ger., Pol.*]
oczn. panst. Zakl. Hig.	Roczniki Panstwowego Zakladu Higieny [*Pol.*]
cand. J. clin. Lab. Invest.	Scandinavian Journal of Clinical & Laboratory Investigation [*Eng.*]
cience, N.Y.	Science [*Eng.*]
cientia pharm.	Scientia Pharmaceutica [*Ger.*]
epn Sci.	Separation Science [*Eng.*]
pectrochim. Acta, A	Spectrochimica Acta, Part A [*Eng., Fr., Ger.*]
pectrosc. Lett.	Spectroscopy Letters [*Eng.*]
taerke	Staerke [*Ger.*]
taub, Reinhalt. Luft	Staub, Reinhaltung der Luft [*Ger.*]
teroids	Steroids [*Eng.*]
tudia Univ. Babes-Bolyai, Ser. Chem.	Studia Universitatis Babes-Bolyai, Series Chemia [*Rom.*]
tudii Cerc. Chim.	Studii si Cercetari de Chimie [*Rom.*]
alanta	Talanta [*Eng., Fr., Ger.*]
APPI	TAPPI [Journal of the Technical Association of the Pulp and Paper Industry] [*Eng.*]
rans. Instn Min. Metall.	Transactions of the Institution of Mining and Metallurgy [*Eng.*]
rav. Soc. Pharm. Montpellier	Travaux de la Societe de Pharmacie de Montpellier [*Fr.*]
rib. CEBEDEAU	Tribune de CEBEDEAU [Centre Belge d'Etude et de Documentation des Eaux] [*Fr.*]
rudy Khim. khim. Tekhnol. [*Gor'kii*]	Trudy po Khimii i Khimicheskoi Tekhnologii [*Russ.*]
rudy mosk. khim-tekhnol. Inst.	Trudy Moskovskogo Khimiko-Tekhnologicheskogo Instituta imeni D. I. Mendeleeva [*Russ.*]
rudy vses. nauchno-issled. Inst. khim. Reakt.	Trudy Vsesoyuznogo Nauchno-issledovatel'skogo Instituta Khimicheskikh Reaktivov [*Russ.*]
chen. Zap. perm. gos. Univ.	Uchenye Zapiski Permskogo Gosudarstvennogo Universiteta imeni M. Gor'kogo [*Russ.*]
kr. khim. Zh.	Ukrains'kyi Khimichnyi Zhurnal [*Ukr.*]
zbek. khim. Zh.	Uzbekskii Khimicheskii Zhurnal [*Russ.*]
est. leningr. gos. Univ., Fiz., Khim.	Vestnik Leningradskogo Gosudarstvennogo Universiteta, Fizika, Khimiya [*Russ.*]
est. mosk. gos. Univ., Ser. Khim.	Vestnik Moskovskogo Gosudarstvennogo Universiteta, Seriya Khimiya [*Russ.*]
at. Res.	Water Research [*Eng.*]
at. Sewage Wks	Water & Sewage Works [*Eng.*]
-Ray Spectrom.	X-Ray Spectrometry [*Eng.*]

Z. analyt. Chem.	Zeitschrift fuer analytische Chemie [*Eng., Ger.*]
Z. anorg. allg. Chem.	Zeitschrift fuer anorganische und allgemeine Chemie [*Ger.*]
Zav. Lab.	Zavodskaya Laboratoriya [*Russ.*]
Z. Chemie, Lpz.	Zeitschrift fuer Chemie [*Ger.*]
Zentbl. Pharm., Pharmakother. u. Lab.-diagnostik	Zentralblatt fuer Pharmazie, Pharmakotherapie und Labo toriums-diagnostik [*Ger.*]
Zh. analit. Khim.	Zhurnal Analiticheskoi Khimii [*Russ.*]
Zh. prikl. Khim., Leningr.	Zhurnal Prikladnoi Khimii [*Russ.*]
Zh. prikl. Spektrosk.	Zhurnal Prikladnoi Spektroskopii [*Russ.*]
Z. klin. Chem. klin. Biochem.	Zeitschrift fuer klinische Chemie und klinische Bioche [*Eng., Ger.*]
Z. Lebensmittelunters. u. -Forsch.	Zeitschrift fuer Lebensmittel-Untersuchung und -Forsch [*Eng., Ger.*]

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bstract Bulletin of the Institute of Paper Chemistry
hemical Abstracts
uro Abstracts
lour Milling and Baking Research Association Abstracts
ood RA Abstracts
uel Abstracts and Current Titles
nternational Sugar Journal
ournal of the Institute of Brewing
ournal of the Institute of Petroleum
ead Abstracts
uclear Science Abstracts
utrition Abstracts and Reviews
articulate Information
APRA Abstracts
eferativnyi Zhurnal, Biologicheskaya Khimiya, Section 30F
eferativnyi Zhurnal, Khimiya, Section 19GD
ater Pollution Abstracts
orld Aluminum Abstracts
orld Surface Coatings Abstracts
orld Textile Abstracts
inc Abstracts

ERRATA

ome errata subsequently published in the journals abstracted are included in the following list. When the itials of given names in the Author Index and in the abstracts do not agree, the Index should be assumed o be correct.

OL. 20, 1971

Index, p. 38, column 2, lines 6 and 7, *for* **Monache, E. M. delle,** *read* **Miranda delle Monache, E.,**
Index, p. 76, *insert entry* **Miranda delle Monache, E.** See **Galeffi, C.,** 481. *after entry for* **Miranda, C. F. de.**
Index, p. 76, *delete entry for* **Monache, E. M. delle.**

OL. 22, 1972

Abstract *No.*	*Line*	
2	67	*for* E. Schwarz *read* E. Svarcs
2692	2	*for* **arana** *read* **aroma**

he appropriate modifications should be made to the Author Index for Vol. 22, 1972.

OL. 23, 1972

Abstract *No.*	*Line*	
1466	5	*for* Honjyo, Takahuru; *read* Honjo, Takahuru;
3220	13	*for* 0·1% *read* 1%
4922	6	for *Bundesgesetzblatt*, read *Bundesgesundheitsblatt*,

he appropriate modification should be made to the Author Index for Vol. 23, 1972.

OL. 24, 1973

Index, p. 27, column 1, lines 57 and 58, *these lines should read* graphic separations, 1430. Anion-exchange paper-chromatographic separation of metal ions,
Index, p. 160, column 1, line 14, *for* 2482 *read* 2483
Index, p. 174, column 2, line 64, *for* 3349 *read* 3350

OL. 24, 1973

Abstract *No.*	*Line*	
2785	10	*for* Filter off the ppt., mix the filtrate with *read* To the mixture add
2795	3,4	*for* **cis-1, 2-dimercaptosuccinonitrile** *read* ***cis*-dimercaptomaleonitrile**

he appropriate modifications should be made to the Author and Subject Indexes for Vol. 24, 1973.

Vol. 25, 1973

Abstract No.	*Line*	
145	9	*insert* to *before* 10^{-5} %
158	19	*for* (23·8 g of *read* [23·8 g of
176	8	*for* S_2Cl_3 *read* S_2Cl_2
211	3	*for* Dosal, M. A. *read* Dosal Gomez, M. A.
452	3	*for* Guevenc, U. *read* Guvenc, U.
875	3	*for* Bry'ko, V. M. *read* Byr'ko, V. M.
914	1	*for* **Ditellurato-argenate(III)** *read* **Ditellurato-argentate(III)**
928	6	*for* *R*-(+)-s-butyl *read* *S*-(+)-s-butyl
928	7	*for* *R*-(+)-alkan-2-ols *read* *S*-(+)-alkan-2-ols
1282	26	*for* No. 147 *read* No. 417
1371	5	*for* 1972 *read* 1973
1502	8	*for* Gb, *read* Gd,
1619	7,8	*for* Weihtrauch, J. L. *read* Weihrauch, J. L.
1685	12	*this line should read* be determined polarographically, with **0·5N-LiCl -**
1887	17	*for* methamphramine *read* methamphetamine
1921	4,5	*for* Kalityvans'ka, V. I. *read* Kalitvyans'ka, V. I.
2039	2	*insert* **I.** *after* **analysis.**
2242	13	*for* 0·1Naj-NOH *read* 0·1N-NaOH
2282	4	*for* Zvon mir, Tabor *read* Tabor, Zvonimir
2303	19	*for* 4-dioxan *read* 1,4-dioxan
2380	6	*for* aminoe *read* amine
2440	3	*for* Baczynscyj, L. *read* Baczynskyj, L.
2580	2,3	*for* Leenheer, A. de *read* De Leenheer, A.
2858	8	*for* 0·2 μN *read* 0·2 μN
2912	16	*delete the hyphen after* Plictran
3080	3	*delete* **I.**
3090	17	*insert*) *after* studied
3118	2	*insert a comma after* Noshiro
3307	2	*insert* [*after* **of**
3324	3	*for* Korff, R. W. von *read* Von Korff, R. W.
3510	2,3	*for* Kuchmal, R. K. *read* Kuchhal, R. K.
3777	14	*for* 1000 Å) respectively, *read* 1000 Å, respectively)
3883	2	*insert* **II.** *after* **polymers.**
4019	4	*for* Slasnky, V. *read* Slansky, V.
4052	2	*for* **prolyl]imidaoline** *read* **prolyl]imidazoline**
4172	19	*this line should read* Without operation of the back-flush valve, a normal
4213	7	*for* linear of range *read* linear range

Cross-references after abstract 4337, line 16, *for* **3380,** *read* **3820,**

ABBREVIATIONS AND SYMBOLS

Certain abbreviations in everyday use are not included in the following list. When any doubt might arise from the use of an abbreviation or symbol the word is printed in full.

adenosine 5′-monophosphate	AMP
adenosine 5′-pyrophosphate	ADP
adenosine 5′-triphosphate	ATP
alternating current	a.c.
ampere	amp.
Ångström unit	Å
approximate, -ly	approx.
aqueous	aq.
boiling-point	b.p.
centimetre	cm
coefficient	coeff.
Colour Index (3rd Edition)	C.I.
concentrated	conc.
concentration	concn.
constant (as adjective)	const.
crystalline	cryst.
crystallised	
curie	Ci
current density	c.d.
density, relative	*d*
deoxyribonucleic acid	DNA
diameter, inside	i.d.
diameter, outside	o.d.
differential thermal analysis	d.t.a.
dilute (as adjective)	dil.
5-dimethylaminonaphthalene-1-sulphonyl	dansyl
direct current	d.c.
electron spin resonance	e.s.r.
electron-volt	eV
equivalent	equiv.
ethylenediaminetetra-acetate	EDTA
gas - liquid chromatography	g.l.c.
gas - solid chromatography	g.s.c.
gram	g
gram-molecule	mole
half-wave potential	$E_{\frac{1}{2}}$
hertz	Hz
hour	hr.
infra-red	i.r.
insoluble	insol.
international unit	i.u.
ionic strength	*I*
kilogram	kg
kilovolt	kV
kilowatt	kW
mass spectrometry	m.s.
maxim-um, -a	max.
microgram	μg (not γ)
microlitre	μl
micrometre (not micron)	μm (not μ)
micromole	μmole
milliampere	mA
milli-equivalent	m-equiv.
milligram	mg
millilitre	ml
millimetre	mm
millimolar	mM
millivolt	mV
minute (time)	min.
molar (concentration)	M
molar extinction coefficient	ϵ
molecul-e, -ar	mol.
nanogram	ng
nanometre (not millimicron)	nm (not mμ)
nicotinamide–adenine dinucleotide (oxidised form)	NAD$^+$
nicotinamide–adenine dinucleotide (reduced form)	NADH
normal (concentration)	N
nuclear magnetic resonance	n.m.r
ohm	Ω
optical rotation	α
parts per million	p.p.m
per cent.	%
per cent. (vol. in vol.)	% (v/v)
per cent. (wt. in vol.)	% (w/v)
per cent. (wt. in wt.)	% (w/w)
poly(tetrafluoroethylene)	PTFE
potential difference	p.d.
precipitate (as a noun)	ppt.
precipitated	pptd.
precipitating	pptg.
precipitation	pptn.
preparation	prep.
recrystallised	recryst.
refractive index	n_λ^t
relative band speed	R_F
relative humidity	r.h.
revolutions per minute	r.p.m.
ribonucleic acid	RNA
saponification value	sap. val.
saturated (as adjective)	satd.
saturated calomel electrode	S.C.E.
second (time)	sec.
soluble	sol.
solution	soln.
specific rotation	$[\alpha]_\lambda^t$
square centimetre	sq. cm
standard temp. and pressure	s.t.p.
thin-layer chromatography	t.l.c.
ultra-violet	u.v.
unit of pressure (mm Hg)	torr
volt	V
volume	vol.
watt	W
wavelength	λ
weight	wt.

(continued overleaf)

ABBREVIATIONS AND SYMBOLS

(continued from previous page)

In addition to the symbols listed overleaf, the following may be used in conjunction with numerical values or in mathematical expressions—

greater than	$>$	of the order of, approximately	$\simeq$
less than	$<$	equivalent to	$\equiv$

Abbreviations of journal titles used in the abstracts are, in general, those of the 'World List of Scientific Periodicals' (4th edn, 1964, Butterworths, London), but all diacritical marks are omitted, and the German ä, ö and ü and the Scandinavian ø (or ö) are transliterated as ae, oe, ue and oe, respectively.

The language in which an original paper is written is English unless otherwise specified.

The chemical nomenclature used in the abstracts is that recommended by The Chemical Society ('Handbook for Chemical Society Authors,' The Chemical Society, London, 1961), and may differ from that used in the original articles.

When possible, drugs are specified by their official B.P. or B.P.C. names, or by the Approved Names recommended by the British Pharmacopoeia Commission (8 Bulstrode St., London, W1M 5FT).

The principal Pharmacopoeias are denoted by B.P., U.S.P., or D.A.B., together with the identifying roman numeral or year.

The names given to enzymes are those recommended by the International Union of Biochemistry ('Enzyme Nomenclature,' Elsevier Publishing Co., London, 1965).

Pesticides are named in accordance with the British Standard 1831 : 1969, 'Recommended Common Names for Pesticides' (British Standards Institution, 2 Park St., London, W1A 2BS).

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